Notice of Allowability	Application No.	Applicant(s)	
	10/014,588	ASAMURA, YOSHINORI	
	Examiner	Art Unit	
	PAUL A BELL	2675	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *8/20/04 AFTER FINAL AND 9/30/04 INTERVIEW*.

2. ☒ The allowed claim(s) is/are *1-7*.

3. ☒ The drawings filed on *15 January 2001* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *9/30/2004* .
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Chanh Nguyen

CHANH NGUYEN
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Martin Geissler # 51,011 on 9/30/2004.

The application has been amended as follows:

1. (currently amended) A multi-display projector system comprising: a plurality of projectors, each projector comprising: an input format detector for detecting input format parameters from input image signals that have different formats; an input pattern memory for storing the input format parameters that specify a number of active pixels, a number of active lines, an initial active pixel, and an active initial line of the input image signals having different formats, said input format parameters being stored for each of said different formats; a frame memory for storing active image signals extracted from said input image signals based on said input format parameters; a display region calculator for calculating display parameters; a display pattern memory for storing the display parameters, which designate a region of an image to be displayed, each region of the image to be displayed is designated independently of a region designated in the other projectors; and a display unit that displays said region of the image by processing said active image signals stored in said frame memory based on said display parameters.

5. (currently amended) A method of projecting an image in a multi-display projector system, each projector performing the steps of: detecting input format parameters by an input format detector from input image signals, which have different formats; storing the input format parameters in an input format memory, the input format parameters specifying a number of active pixels, a number of active lines, an initial active pixel, and an active initial line of the input image signals, the input format parameters being stored for each of the different formats of the input image signals; storing active image signals that are extracted from the input image signals, the active image signals being stored in a frame memory on the basis of the input format parameters; calculating display parameters by a display region calculator; storing the display parameters in a display pattern memory, the display parameters designating a region of an image that is to be displayed, each region of the image to be displayed is designated independently of a region designated in the other projectors; and displaying the region of the image by processing the active image signals stored in the frame memory on the basis of the display parameters.

6. (currently amended) A multi-display system comprising: a plurality of projectors for displaying an image or a portion of an image, the plurality of projectors being arranged adjacent to one another, wherein each of the plurality of projectors includes: an input format detector for detecting input format parameters from input image signals that have different formats; an input format memory for storing the detected input format

parameters, the input format parameters specifying a number of active pixels, a number of active lines, an initial active pixel, and an active initial line of the input image signals, the input format parameters being stored for each of the different formats of the input image signals; a frame memory for storing active image signals that are extracted from the input image signals, the active image signals being stored in a frame memory on the basis of the input format parameters; a display region calculator for calculating display parameters; a display pattern memory for storing the display parameters, which designate a region of an image that is to be displayed on the basis of a display adjusting signal, each region of the image to be displayed is designated independently of a region designated in the other projectors; and a display unit for displaying the region of the image by processing the active image signals stored in the frame memory on the basis of the display parameters.

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul Bell whose telephone number is (703) 306-3019.

If attempts to reach the examiner by telephone are unsuccessful the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377 can help with any inquiry of a general nature or relating to the status of this application.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Or Faxed to: (703) 872-9306
Or Hand-delivered to: Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Paul Bell
Art unit 2675
September 30, 2004